

Resource Summary Report

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B6.SB-Lyn^{m2Anu}/AnuApbMmucd

RRID:MMRRC_041278-UCD

Type: Organism

Proper Citation

RRID:MMRRC_041278-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=41278

Proper Citation: RRID:MMRRC_041278-UCD

Description: Mus musculus with name B6.SB-Lyn^{m2Anu}/AnuApbMmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Immunology and Inflammation; Mutation Type: chemically induced mutation ; Collection: NHMRC Australian PhenomeBank

Phenotype: decreased mature B cell number [MP:0008211]| increased immature B cell number [MP:0008214]| increased monocyte cell number [MP:0000220]| abnormal mast cell morphology [MP:0000359]| abnormal hair follicle morphology [MP:0000377]| abnormal hair follicle orientation [MP:0000383]| sparse hair [MP:0000416]| enlarged spleen [MP:0000691]| enlarged lymph nodes [MP:0000702]| thick epidermis [MP:0001219]| decreased body size [MP:0001265]| absent vibrissae [MP:0001284]| extended life span [MP:0001661]| decreased IgG level [MP:0001805]| abnormal immune cell physiology [MP:0001819]| autoimmune response [MP:0001844]| increased T cell derived lymphoma incidence [MP:0002024]| premature death [MP:0002083]| abnormal kidney morphology [MP:0002135]| abnormal B cell differentiation [MP:0002144]| abnormal lymph node morphology [MP:0002339]| abnormal effector T cell morphology [MP:0002435]| increased IgG level [MP:0002493]| abnormal monocyte morphology [MP:0002620]| abnormal immune serum protein physiology [MP:0002723]| glomerulonephritis [MP:0002743]| decreased erythrocyte cell number [MP:0002875]| increased urine protein level [MP:0002962]| increased autoantibody level [MP:0003725]| abnormal T cell subpopulation ratio [MP:0003944]| increased anti-double stranded DNA antibody level [MP:0004762]| increased anti-single stranded DNA antibody level [MP:0004771]| increased anti-nuclear antigen antibody level [MP:0004794]| decreased anti-nuclear antigen antibody level [MP:0004795]| increased anti-erythrocyte antigen antibody level [MP:0004797]| increased susceptibility to systemic lupus erythematosus [MP:0004801]| decreased susceptibility to systemic lupus erythematosus [MP:0004802]| increased anti-chromatin antibody level

[MP:0004829] increased spleen weight [MP:0004952] decreased B cell number [MP:0005017] increased susceptibility to autoimmune disorder [MP:0005350] decreased susceptibility to autoimmune disorder [MP:0005351] increased susceptibility to type III hypersensitivity reaction [MP:0005615] porphyria [MP:0005654] decreased CD4-positive [MP:0008075] alpha beta T cell number [MP:0008097] increased plasma cell number [MP:0008182] decreased marginal zone B cell number [MP:0008470] abnormal spleen B cell follicle morphology [MP:0008499] increased IgG1 level [MP:0008500] increased IgG2a level [MP:0008501] increased IgG2b level [MP:0008502] increased IgG3 level [MP:0009060] increased circulating interleukin-21 level [MP:0009333] abnormal splenocyte physiology [MP:0009336] increased splenocyte proliferation [MP:0009338] increased splenocyte number [MP:0012431] increased lymphoma incidence [MP:0020519]

Affected Gene: |Lyn|

Catalog Number: 041278-UCD

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_41278-UCD, MMRRC_041278, MMRRC_41278

Organism Name: B6.SB-Lyn^{m2Anu}/AnuApbMmucd

Record Creation Time: 20230308T055217+0000

Record Last Update: 20260801T124457+0000

Ratings and Alerts

No rating or validation information has been found for B6.SB-Lyn^{m2Anu}/AnuApbMmucd.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human systemic lupus erythematosus.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.